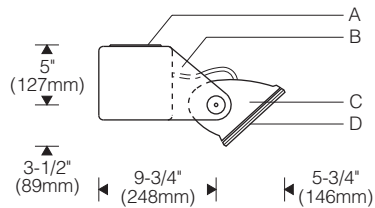
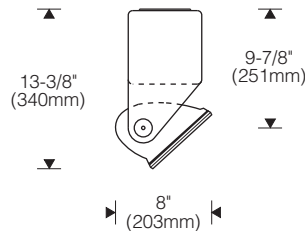


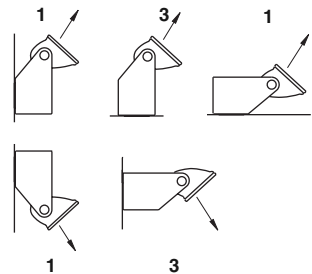
Position 1 1:16 Scale



Position 2 1:16 Scale

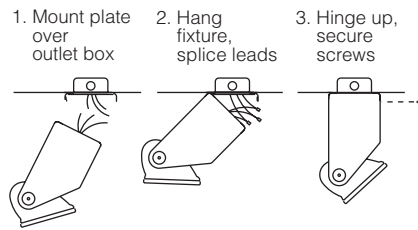


Other Orientations*

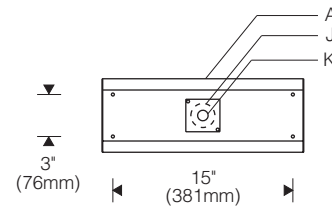


* For each orientation, order the corresponding mounting code

Installation



Mounting Plate



Specifications

- | | | | |
|-------------------------------------------|-------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|
| A Extruded aluminum mounting plate | D Mitred extruded aluminum door with silicone gasket | F Aluminum reveal plates (black) | J 2" dia. opening to access recessed outlet box (by others) |
| B Aluminum side arms | E Extruded aluminum ballast housing | G Specular extruded aluminum reflector | K Cover plate with 7/8" dia. conduit entry |
| C Die-cast aluminum end plates | | H Micro-prismatic tempered glass lens | |

Finish:

Style 408 smooth – semi-gloss white reflector, door frame, end plates, side arms and ballast housing.

Style 409 fluted – bright clear anodized aluminum housing and door frame. Painted end plates, sidearms and ballast housing in choice of silver or semi-gloss black.

Painted surfaces – 6 stage pretreatment and electrostatically applied thermoset powder coat for stable, long lasting and corrosion resistant finish.

Reflector and internal end plates – extruded high purity aluminum with clear anodized specular finish. All luminaire hardware – stainless steel.

Mounting:

Mounting plate covers recessed outlet box or conduit feed. Suitable backing structure required (by others). Fixture hinges on plate for hands-free access to splices.

Electrical:

Use 90°C wire for supply connections.

Mounting plate supplied with one 7/8" diameter entry for direct conduit feed and a 2" (50mm) diameter opening to access splices in recessed outlet box.

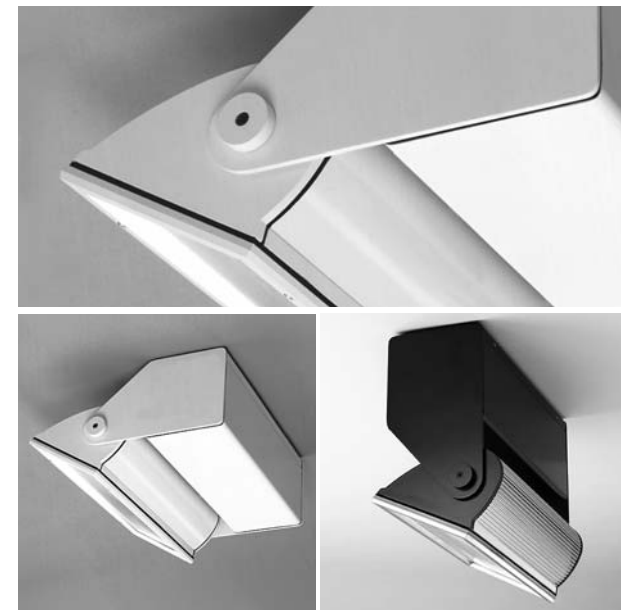
Integral constant wattage autotransformer (encapsulated for 250-400W ceramic arc tube pulse start metal halide) or electronic ballast.

Mogul lampholder is pulse rated for use with either horizontal or universal position reduced envelope pulse start lamps. End-of-lamp aligner ensures consistent optical performance.

For complete ballast specifications, see Accessories Section.

Standard:

UL listed or CSA certified for damp locations (Style 408 painted model recommended for damp locations). Position 1 (reflector adjacent to ceiling) suitable for mounting to non-combustible ceiling surfaces only.

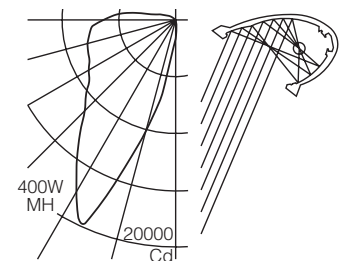


Features

- Multiple reflector/sidearm positions for design flexibility
- Die-cast end plates; thick aluminum sidearms join at articulated black reveals – no exposed fasteners
- Durable – extruded reflector, door and ballast housing
- Precured silicone gaskets – keep dirt and moisture out

Performance

Two parabolic reflector sections drive light to the bottom of the wall. An elliptical section shields the lamp from normal viewing angles and redirects its light to a parabola. Glare is minimized and asymmetry of the beam is maximized resulting in high beam efficiency and superior surface uniformity.



For complete photometrics, visit thelightingquotient.com



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To form a Catalog Number

M | | | - | | | - | | | - | | | - | | |
1 2 3 4 5 6 7 8

1 Source

M = Metal halide




2 Style

408 = Large smooth surface, **integral** ballast

409 = Large fluted surface, **integral** ballast

Note: For damp locations, Style 408 is recommended.

3 Lamp

Lamp Code	Wattage	Lamp Number	Voltages
Ceramic Arc Tube Pulse Start Metal Halide (90+ CRI) 			
210C	210	CDM210/T9/930/U/E	2, U
315C	315	CDM315/T9/930/U/E	2, U
Ceramic Arc Tube Pulse Start Metal Halide (80+ CRI)* 			
150G	150	CDM150/T6/830	1, 2 T, U
250C	250	CMH250/U/830/R	A, B
400C	400	CMH400/U/830/R	A, B
Quartz Arc Tube Pulse Start Metal Halide (68 CRI)* 			
250P	250	MS 250W/H75/T15/PS/740	A, B 2, U
320P	320	MS 320W/H75/T15/S/PS/740	A, B 2, U
350P	350	MS 350W/H75/T15/PS/740	A, B 2, U

For complete lamp and ballast information, see Accessories Section.

* Use only clear metal halide horizontal or universal position lamp with compact envelope. Standard lamp colors are 3000K for Ceramic Arc Tube Pulse Start lamps and 4000K for Quartz Arc Tube Pulse Metal Halide lamps.

4 Mounting

Mounting plate covers conduit feed or recessed outlet box (by others). Choice of three positions:

- 1** = Reflector positioned adjacent to ceiling (suitable for non-combustible ceiling surface only)
- 2** = Reflector positioned below ballast box, side arms sloping back
- 3** = Reflector positioned below ballast box, side arms sloping forward

Project: _____

5 Finish

Style 409 Fluted

01 = Bright aluminum housing and door frame with silver end plates, sidearms and ballast housing

81 = Bright aluminum housing and door frame with semi-gloss black end plates, sidearms and ballast housing

Style 408 Smooth

02 = Semi-gloss white reflector, door frame, end plates, side arms and ballast housing

99 = Custom RAL or computer matched color to be specified, consult sales representative

6 Voltage

Electronic:

1 = 120V

2 = 277V

T = 120V dim*

U = 208-277V dim*

*100-50% dimming, 0-10V compatible controls by others. Consult factory for dimming the 210W lamp.

Magnetic:

A = 120V

B = 277V

7 Option (See Accessories Section for specifications)

00 = No options

0P = Natatorium (pool) use (Style 408 painted model only)

0R = Halogen standby lamp with integral relay. 100W maximum (lamp included).

XX = For modification not listed, include detailed description. Consult factory prior to specification.

8 Destination Requirement

0 = UL listed or CSA certified for U.S.

J = UL listed or CSA certified for Canada

Example

M408 - 400C - 3 - 02 - B - 000

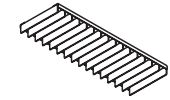
Large smooth surface model for use with 400 watt ceramic arc tube pulse start metal halide lamp. Mounting plate attaches to suitable structure over conduit or recessed outlet box (by others). Reflector positioned below ballast box with side arms sloping forward. Semi-gloss white. Integral 277V ballast. UL listed or CSA certified for U.S.

Type: _____

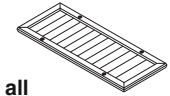
Accessories

Order separately. See Accessories Section for specifications.

AEDV | | **000** = External vertical blade **reflector**, black
 | blade **reflector**, black
2 = 25° shielding
4 = 45°



ACF = Stripped glass **color filter**, integral to door frame.



Note: **Color filters not suitable for all lamp wattages.** Consult factory for complete specifications and ordering information.

AFK000X | | = Ballast **fuse kit**
 |
0 = U.S.
J = Canada

